Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1-6.   (Canceled)

7.   (Currently Amended) An artificial vision system comprising:

an external device adapted to be disposed outside a body of a patient, the external device including:

an image pickup device which captures an image in front of the patient; and

an image processing device which generates a signal for stimulation pulse by processing the image captured by the image pickup device; and

an internal device adapted to be implanted in the body, the internal device including:

a receiving device which receives the signal for stimulation pulse and converts it into an electrical stimulation pulse signal, the receiving device being adapted to be implanted under a skin of a temporal part of the patient in a position away from an eye of the patient;

a plurality of electrodes each of which outputs the electrical stimulation pulse signal, has a needle-shaped end and is adapted to be implanted in the eye so as to stick in a bundle of nerve fibers of an optic papilla of the eye, each electrode having a predetermined length for placing its end in an optic nerve of the eye when the electrode is stuck in the optic papilla; and

a plurality of signal wires which individually connects each electrode and the receiving device, the signal wires each being bundled for inserting parts of the signal wires close to the electrodes into the eye through a hole formed in a sclera of the eye and

~~being adapted to be fixed in the eye~~ <u>covered with an insulating material with high biocompatibility and having first regions bundled up and second regions individually foldable between the first regions and the electrode,</u>

wherein the electrodes after being stuck in the optic papilla outputs the electric stimulation pulse signal based on the signal for stimulation pulse which is generated based on the image captured by the image pickup device to stimulate the optic nerve, thereby enabling the patient to ~~visually~~ recognize the image captured by the image pickup device.

8-12.   (Canceled)